

Title (en)  
A METHOD OF DESTROYING EXPLOSIVE SUBSTANCES

Title (de)  
VERFAHREN ZUM ZERSTÖREN VON EXPLOSIVSTOFFEN

Title (fr)  
PROCEDE D'ELIMINATION DE SUBSTANCES EXPLOSIVES

Publication  
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Application  
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Abstract (en)  
[origin: US5481062A] PCT No. PCT/SE93/00171 Sec. 371 Date Aug. 25, 1994 Sec. 102(e) Date Aug. 25, 1994 PCT Filed Feb. 26, 1993 PCT Pub. No. WO93/17295 PCT Pub. Date Sep. 2, 1993. The invention relates to a method of destroying explosive substances in which the explosive substances are converted to a pumpable liquid or suspension which is not detonatable but combustible and which can be burned in conventional boilers intended for energy production. The explosive substance is dissolved or suspended in a combustible liquid which contains no available oxygen or only a small amount of available oxygen, preferably fuel oil, wherein the amount of liquid present is so large as to reduce the energy content of the mixture to 1 MJ/kg or less in the absence of available atmospheric oxygen. The mixture is burned in a combustion apparatus, by delivering the mixture to the combustion apparatus via a liquid fuel burner or a burner for solid fuel/liquid fuel suspensions. The grain size of the explosive substance in suspension is selected so that each grain will be incinerated during its residence time in the flame of the burner concerned.

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